

#### **4.2.1. Library is automated using Integrated Library Management System (ILMS)**

The library plays a central role in enhancing the quality of academic and research environment in Education institutions. The Institute library is a place in the Institute where huge collections of academic books, journals, magazines, research projects, rare books, other knowledgeable books and newspapers are kept. These books are made available to the students to increase their knowledge and understanding on various subjects. The college library is an important hub of student life. There, student can check out books, conduct their research, find a quiet place to study, and maybe even flip through magazine. The students can extend their search with use of internet, e-books, e-journals etc. made available in the digital library. The Institute library exhibits positive impact on the academic achievement of the student. Students can perform better during examination and placement as students are explored to the knowledge through various means.

#### **Response:**

The library of the institution is fitted out with Library Management System (ILMS); which is an automated via software program, design and developed by our own team. ILMS with Barcode Scanner that supports all in-house processes of the library.

**Name of the ILMS Software:** NewGenLib.

**Nature of Automation:** Fully automated.

**Version:** NewGenLib 3.1.1

**Year of Automation:** November 2015

The Central Library of the institution has a large collection of books covering various branches of Engineering and Technology. The library is situated in the ground floor of 9<sup>th</sup> Block (A-Block). The library is protected with Fire extinguishers and CCTV security systems. Library web OPAC link is provided on college website <http://103.134.97.242:8080/newgenlibctxt/> to students and faculty for searching library materials.

Institute library is also using institutional source, where Articles/ Journals/ Paper presentations/ Question Papers/ E-Books/ Thesis/Dissertations etc. are made available in local server <http://172.17.200.171/drupal/node> .

Library Management System (LMS) software with all the functional modules of library management completely implemented and has the following modules:

1. Cataloging, 2. Circulations or Transactions, 3. Reports, 4. Masters, 5. Graphs, 6. Online Public Access Catalogue (OPAC), 7. Institutional Archives:

Library Information System is provided on college website <http://172.17.200.171/drupal/node> to students and faculty.



# SRI VENKATESWARA COLLEGE OF ENGINEERING (Autonomous)

Karakambadi Road, Opposite LIC Training Centre, Tirupati – 517 507.

Accredited by NBA (B.Tech – CIVIL,EEE,MECH,ECE, CSE and IT) & NAAC with 'A' Grade

Approved by AICTE, New Delhi, Permanently affiliated to JNTUA, Ananthapuram.

## Central Library, Reference Section and Digital Library Photos







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## 4.2.1: Library is Automated using Integrated Library Management System (ILMS)

Name of the ILMS Software: **NewGenLib, (Open Source -Version: 3.1.1)**

Nature of Automation: **Fully Automated**

Year of automation: **NewGenLib (2015)**

## SCREEN SHOTS OF LIBRARY AUTOMATION

### NGL Launch Pad



## NGL Librarian Interface

NGL - Open Source Release

Technical Processing Circulation Acquisitions Serials Management OPAC Administration Queries Utilities Windows

Home

**S V COLLEGE OF ENGINEERING**

NGL Core Engine version 3.1.1 Discover

Release date: 21st March 2015

Open Source Release

Login Id: 1 Name: System Admin

Verus Subscription Id: ""

**Frequently Used Screens**

Screen
Check-Out (Issue)
Check-In (Return)
Configure System
Search Catalogue
List Patron Circulation History

**Pending Jobs**

Pending Job	Count
Requests Awaiting Approval	1
Items to be Ordered	0
Items to be Accessioned	0
Gifts to be Accessioned	0
Items Ready For Technical Processing	0

**On-line Support Information**

**Chat with NGL Support Team**

Google login

User name:

Password:

**NGL Blog**

Windows taskbar: Search, NGLServer, Inbox (3) - kumaras..., 4.2.1SI - Microsoft..., NGL Launch Pad, NGL - Open Source..., 31..., ENG 01:21 PM

## Visitor In

NGL Counter - Open Source Release

**S V COLLEGE OF ENGINEERING**

Visitors in the library: 65  
Visitors visited today: 119  
Visitors visited till today: 525898

Enrollment ID   Patron Id   Card

**Visitor In**

Name:   
Department:   
Category:   
Course:   
Last Visit In:   
Out:

Belongs to:

Windows taskbar: 13:29, 10-03-2023



## Patron Checking-out the items (Issue)

NGL - Open Source Release

Technical Processing Circulation Acquisitions Serials Management OPAC Administration Queries Utilities Windows

### Check-Out (Issue)

**Patron checking-out the items**

Patron Id: 19BF1A0201


OR

Card

Patron Details

Name: A Jyotheeswar Reddy  
Patron Category: B.Tech STUDENT  
Department: EEE  
Course: EEE  
Sub Location:

**Patron Photo**



**Requests For Check-Out**

Pending Overdues(Returned Items)

Summary Items Held Reservations at desk

Did the patron make an entry at the visitor log? No

Items Held:0

Over due items held:0

Overdue on items held as of today:0.0

Number of items with unpaid overdues(Returned Items):0

Unpaid Overdue(Returned Items):0.0

Total overdue payable:0.0

Reserved items at desk:0

Requests For Check-Out:0

**Item being checked-out**

Barcode

Remarks

**Other check-out parameters**

☐ Change Check-out date

Checkout Date: 10 Mar, 2023

**Items being checked-out in this transaction**

Barcode	Details	Due Date
5215	Pulse digital and switching wave forms/Millman, J. Taub. H.	Mar 24, 2023 01:35

Count: 1

Check-Out (Issue) Cancel Close

## Patron Checking-in the items (Return)

NGL - Open Source Release

Technical Processing Circulation Acquisitions Serials Management OPAC Administration Queries Utilities Windows

### Check-In (Return)


**Enter one Barcode held by the patron**

Barcode

**Patron Details**

Id: FTHUAP210014  
Name: P.Himabindu 15 Book-2  
Patron Category: TEACHING STAFF  
Department: GEBHS1  
Course:  
Sub Location: Main Library  
Membership Starts On: Dec 16, 2021  
Membership Ends On: Dec 31, 2045

**Patron Photo**



**Other Barcodes held by the patron**

Barcode

Press Alt+p to go to Overdue being paid by cash

Total overdue: Rs.0.00 Overdue paid: Rs.0.00

Amount Paid: Rs.0.00 Count: 1

From Voucher

**Item held by patron**

Check-In (Return)	Barcode	Details	Due Date	Overdue	Remarks	Paid By Cash	Paid By Voucher	Checkout Date
<input checked="" type="checkbox"/>	5590	Environmental studies	May 12, 2023 11:59	0		0	0	May 17, 2022 12:00

Double click on item barcode to see more details View Patron Information

Double click on overdue or remarks to edit them

**Vouchers**

Name	Cost	Valid Till	Available amount	Deducted	Balance

Amount to be paid through cash: Rs.0.00 Overdue being paid by cash: 0

Balance: Rs.0.00 ☐ Patron paid the whole overdue


Check-In (Return) Cancel Close

## Visitor Out

NGL Counter - Open Source Release

### S V COLLEGE OF ENGINEERING

Visitors in the library: 66  
 Visitors visited today: 120  
 Visitors visited till today: 525899



Enrollment ID

Patron ID

Go

Card

**Visitor Out**

Name

Department

Category

Course

Visit In

**Checked Out Books**

Accession Number	Title	Due On

**Renewed Books**

Accession Number	Title

Total

## OPAC (Online Public Access Catalog) <http://172.17.200.132:8080/newgenlibtxt/>

Inbox (3) - kumaraswamy.k@svce: x | (no subject) - kumaryl@svce: x | Welcome to S V COLLEGE OF ENGINEERING x

← → ↻ ⚠ Not secure | 172.17.200.132:8080/newgenlibtxt/

### S V COLLEGE OF ENGINEERING

Login | Select language | Sign up

[Home](#) [About](#) [My Library](#) [Discussions](#) [Message](#) [New arrivals](#) [Top stories](#) [Contact us](#)

[All material types](#) [Books](#) [Journals and Serials](#) [Question papers](#) [E-Books](#) [Browse A-Z](#) [Experts](#) [Discussions](#)

Search   +

Saved queries and queries in this session

**Library timings**

Library works from : 08 :  
00 am to 06 : 00 pm  
Circulation Section : 08 : 00 am to  
06:00 pm

**About the library**

SV Colleges group was founded in 1981, based on the firm belief that education especially higher education provides a critical pathway to leadership development, economic progress, and social and poli

[Read more](#)

**Your library on your mobile**

Access library from your Android Phone/Tablet. You can download the Android App from your Phone/Tablet from <http://www.verussolutions.biz/android>  
Send link and instructions to my email configured on my Android

Welcome to S V COLLEGE OF

VISIT.docx

4.2.1SI.docx

[Show all](#)

Search

NGLServer

Welcome to SV CO...

4.2.1SI - Microsoft ...

NGL Launch Pad

NGL - Open Source ...

31...

ENG 01:38 PM

## View Today's Visitors

NGL Counter - Open Source Release

S V COLLEGE OF ENGINEERING

Visitors in the library: 68  
Visitors visited today: 125  
Visitors visited till today:525904

Enrollment ID  CaptureImage  Patron Id  Go Card

Visitor In

Name   
Department   
Category   
Course   
Last Visit In   
Out

Visitors In the Library

	Patron Id	Name	Depart...	In	Out	Category	Course	
<input checked="" type="checkbox"/>	219E1A...	G Subr...	IT	10 Mar ...		B.Tech ...		525786
<input checked="" type="checkbox"/>	209E1A...	M R GU...	CSE	10 Mar ...		B.Tech ...	B.Tech	525787
<input checked="" type="checkbox"/>	209E1A...	K SIVA...	CSE	10 Mar ...		B.Tech ...	B.Tech	525790
<input checked="" type="checkbox"/>	219E1A...	N. Cha...	CSM	10 Mar ...		B.Tech ...		525791
<input checked="" type="checkbox"/>	22BF40...	Ganta V...	MECHA...	10 Mar ...		B.Tech ...	B.Tech	525792
<input checked="" type="checkbox"/>	21BF1...	Nanche...	MBA	10 Mar ...		MBA ST...	MBA	525794
<input checked="" type="checkbox"/>	20BF1A...	S Imam...	EEE	10 Mar ...		B.Tech ...	B.Tech	525798
<input checked="" type="checkbox"/>	20BF1A...	Vudaya...	EEE	10 Mar ...		B.Tech ...	B.Tech	525799
<input checked="" type="checkbox"/>	19BF1A...	Kagguv...	CSE	10 Mar ...		B.Tech ...	B.Tech	525800
<input checked="" type="checkbox"/>	21BF5A...	GODU...	EEE	10 Mar ...		B.Tech ...	B.Tech	525801
<input checked="" type="checkbox"/>	21BF5A...	K TEN...	EEE	10 Mar ...		B.Tech ...	B.Tech	525802

☐ Select All / Un-select All

13:50  
10-03-2023



**CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES****4.2 Library as a Learning Resource****4.2.1 Library is automated {Integrated Library Management System -ILMS }**

Name of the ILMS software	Nature of automation (fully or partially)		Version		Year of automation	
NewGenLib	Fully Automation		3.1.1		2015	
4.2.1 Library Services:						
	Existing		Newly added 2023-2024		Total	
	No.	Value	No.	Value	No.	Value
Text Books	27926	10819635.00	0	0	27926	10819635.00
Reference Books	6363	2350505.00	2	0	6365	2350505.00
e-Books	N-List, NDL	5900.00	DELNET, N-List, NDL	13570.00 5900.00	DELNET, N-List, NDL	19470.00
Journals	98	232260.00	80	262861.00	178	13671161
e-Journals	DELNET, N-List, NDL & JNTUA Consortia	19470.00 5900.00 9545.00	DELNET, N-List, NDL & JNTUA Consortia	13570.00 5900.00 9545.00	DELNET, N-List, NDL & JNTUA Consortia	63930.00
Digital Database	DELNET, N-List, NDL & JNTUA Consortia	19470.00 5900.00 9545.00	DELNET, N-List, NDL & JNTUA Consortia	13570.00 5900.00 9545.00	DELNET, N-List, NDL & JNTUA Consortia	63930.00
CD & Video	861	-	-	-	861	-
Library automation	NewGenLib	Open Source	-	-	-	Open Source
Weeding (Hard & Soft)	-	-	-	-	-	-
Others (specify)	-	-	-	-	-	-